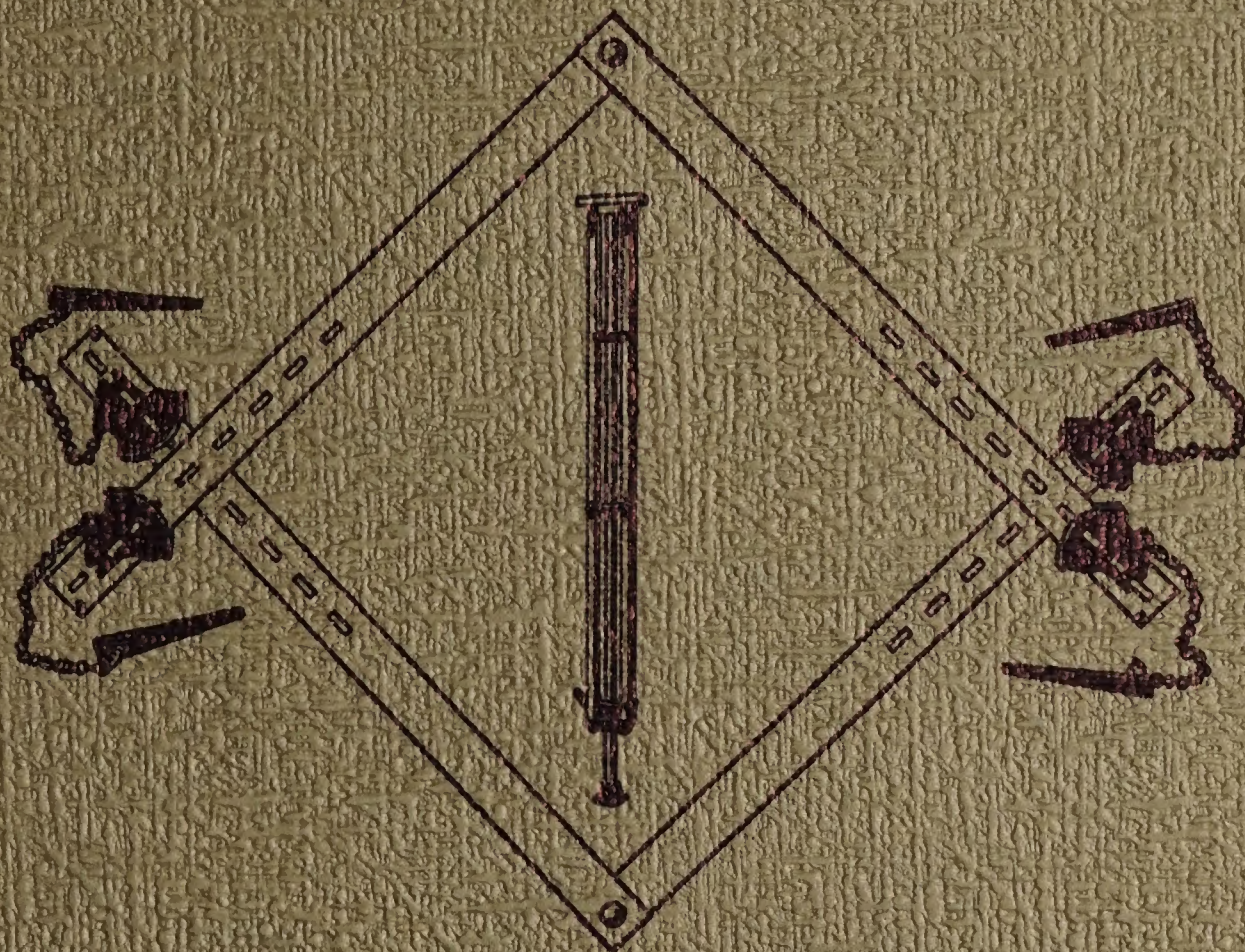


# BAKER-ROOS

INCORPORATED

INDIANAPOLIS, INDIANA



Manufacturers of  
**Contractors' Equipment**

*Distributed by*

**THE FIREPROOF PRODUCTS CO., INC.**

542-548 EAST 133RD STREET  
NEW YORK, NEW YORK  
MOH Haven 9-0500

NEWARK OFFICE  
183 Frelinghuysen Avenue, Newark, N. J.  
Nigelow 3-4035







*P*ROGRESS in the Building Industry has been achieved by never-ending effort toward Maximum Results at Lower Costs. With this thought in mind it is our sincere belief that by the use of the products shown in this booklet can best be accomplished the aim of every contractor,

TO SAVE LABOR

TO SAVE MATERIAL

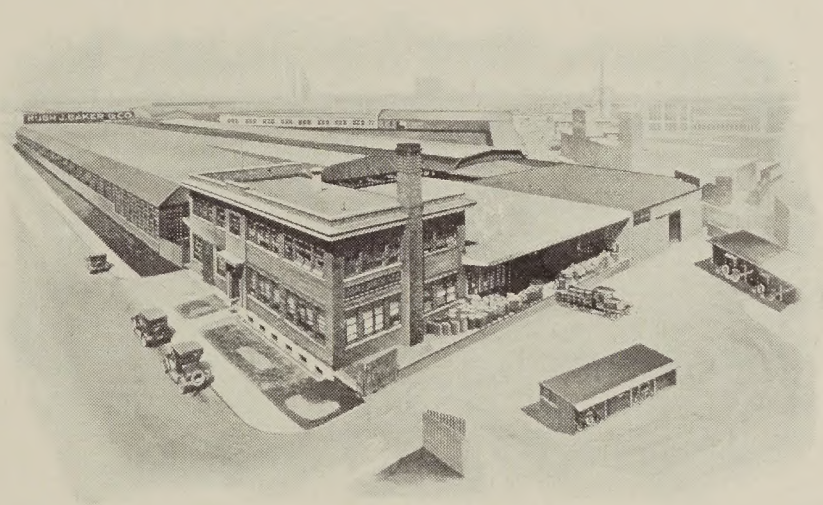
TO SPEED THE JOB

TO ELIMINATE WASTE

TO IMPROVE EFFICIENCY

TO INCREASE NET PROFITS

*. . . Maximum Results at Lower Cost*



*Indianapolis Offices and Plant*

**BAKER-ROOS, INC.**

P. O. BOX 892

PHONE DREXEL 3400

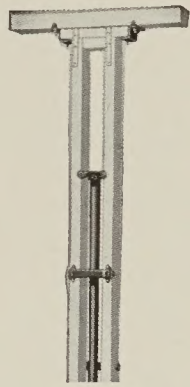
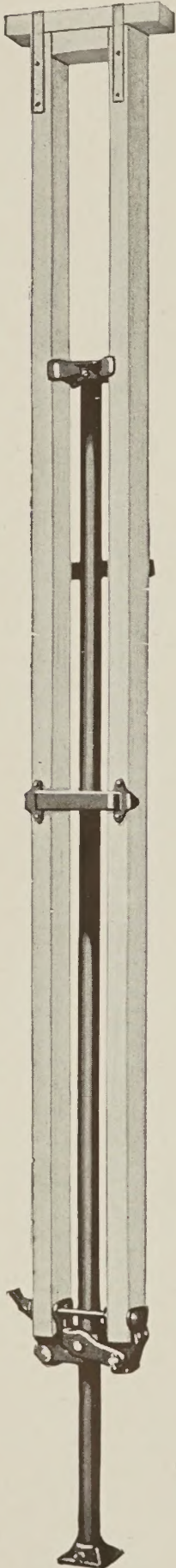
602 W. McCARTY STREET

INDIANAPOLIS, IND.



# THE ROOSHOR

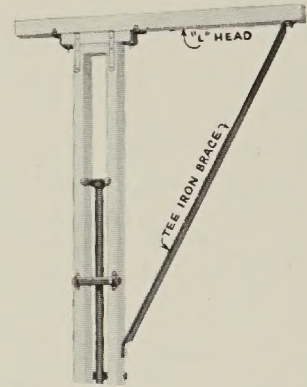
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## ROOSHOR TEE HEAD

*For Interior Beam  
Shoring*

Slips on and off the standard head—the castings hold it securely—only two nails required.



## ROOSHOR ELL HEAD

*For Exterior Beam  
Shoring*

Attached and detached the same as the Tee Head—supported on the outer end by the Tee Iron Brace.

---

## ROOSHOR ADVANTAGES

One-Man Shore  
Complete Unit  
Absolute Automatic Lock  
Rust Proof Emergency Lock  
Simplicity in Operation  
All Malleable Castings  
Long Leaf Yellow Pine  
Concrete Filled Pipe  
Only Two Moving Parts  
Cannot Come Apart—Fool Proof

6-Ft. Range of Instant Adjustment  
Will Fit 98% Story Heights  
Weighs Only 66 Lbs.  
No Wedging, Cutting or Splicing  
No Extra Lumber to Buy  
100% Salvage  
Good for 150 to 200 Uses  
Will Carry Heavy Loads  
Easy to Erect  
Saves Time—Labor—Material

Millions Erected

---

## ROOSHOR SIZES

RooShors are stocked in three sizes: 8-ft. adjustable to 14 ft.; 7-ft. adjustable to 13 ft.; 5-ft. adjustable to 9 ft.



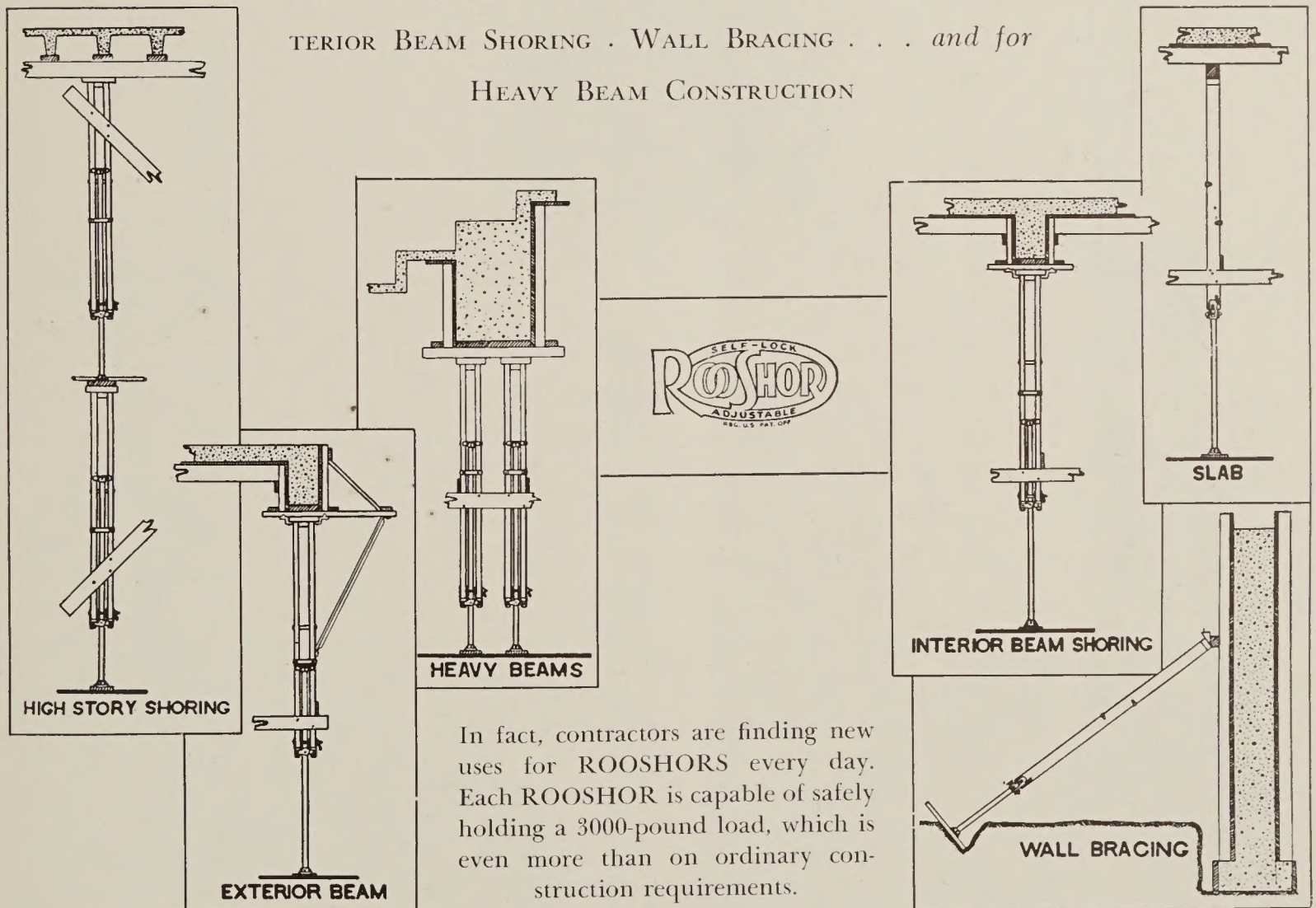
# ROOSHORS *Have Proved Their Worth*

On Thousands of Jobs with Thousands of Contractors for Over Twenty Years

Various cost analyses made during this period have shown that approximately 30% of the cost of forming is for material, while the cost for labor amounts to approximately 70%. Contractors are constantly striving to reduce these costs and many of them are Saving Thousands of Dollars each year by the use of RooShors.

## *Typical Shoring Methods Using ROOSHORS*

HIGH STORY SHORING . INTERIOR BEAM SHORING . EXTERIOR BEAM SHORING . WALL BRACING . . . and for  
HEAVY BEAM CONSTRUCTION



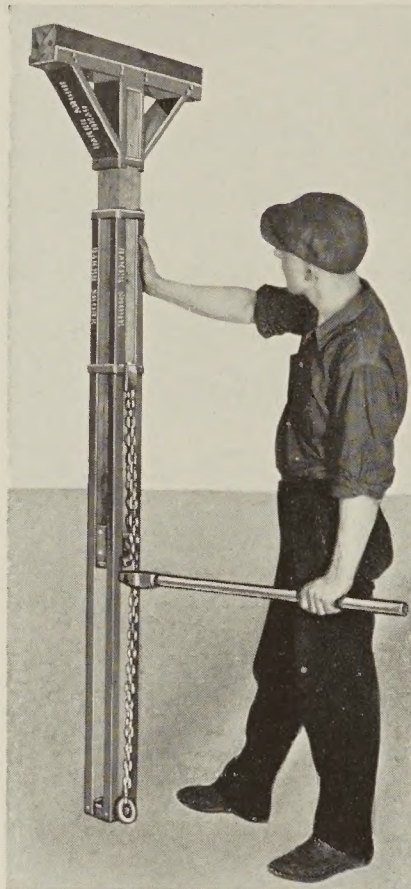
In fact, contractors are finding new uses for ROOSHORS every day. Each ROOSHOR is capable of safely holding a 3000-pound load, which is even more than on ordinary construction requirements.



# THE BAKER SHORE

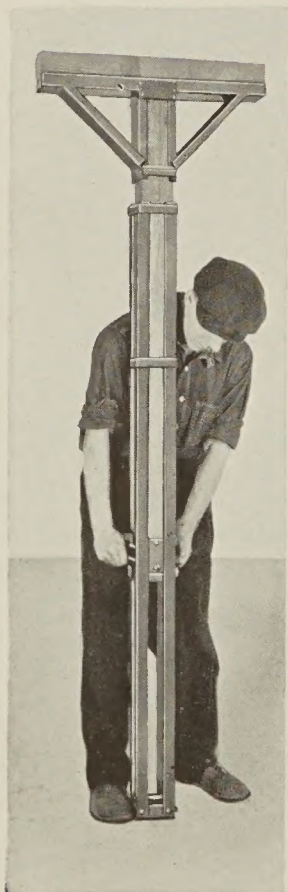
Makes Your 4 x 4's Adjustable

CUTS THE  
COST  
•  
SPEEDS THE  
JOB



*Leveling*

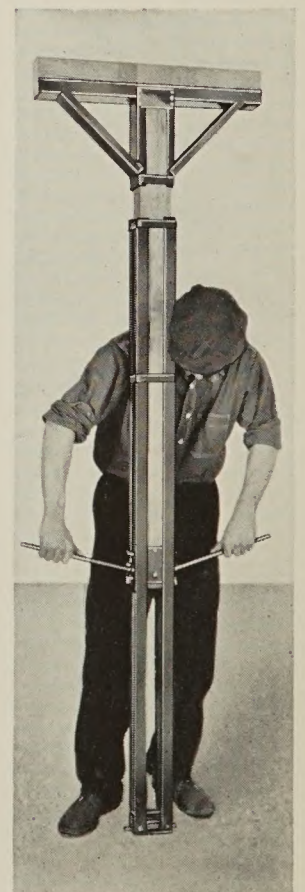
ANY  
LENGTH  
4 x 4  
MAY BE  
USED



*Placing*

SPEEDS up the job . . . Saves lumber and labor . . . Easy for one man to handle . . . Lower maintenance cost (all steel) . . . Continuous and perfect adjustment . . . Not top-heavy (swings readily into place) . . . Uses your old 4 x 4's, T's and Special Heads . . . Packs readily for shipment (more shores per car load) . . . No bolts or screws to turn to fix shore in final position . . . A non-slip shore (and good for more load than the 4 x 4) . . . No experiment—the shore has been well proven in the field . . . Eliminates all the troubles of the 4 x 4 without losing any of its advantages.

NOTE: Baker Shores on this page are shown with 24-inch Baker Shore Heads attached. The use of Baker Shore Heads (shown on page 6) is optional. We recommend their use in combination with the shores to reduce the number of shores needed.

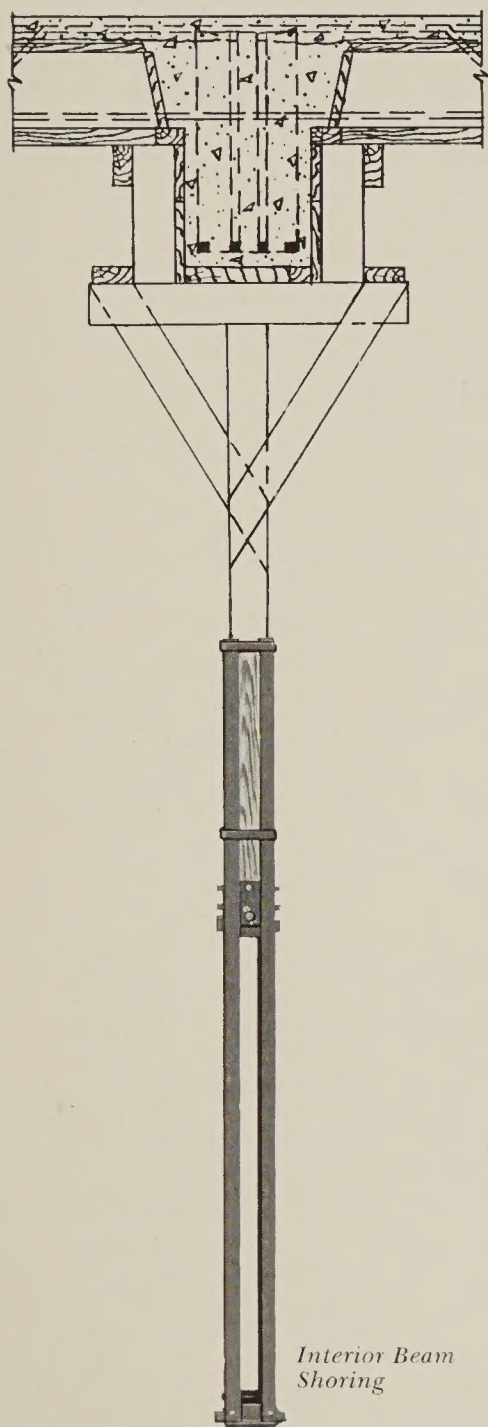


*Releasing*

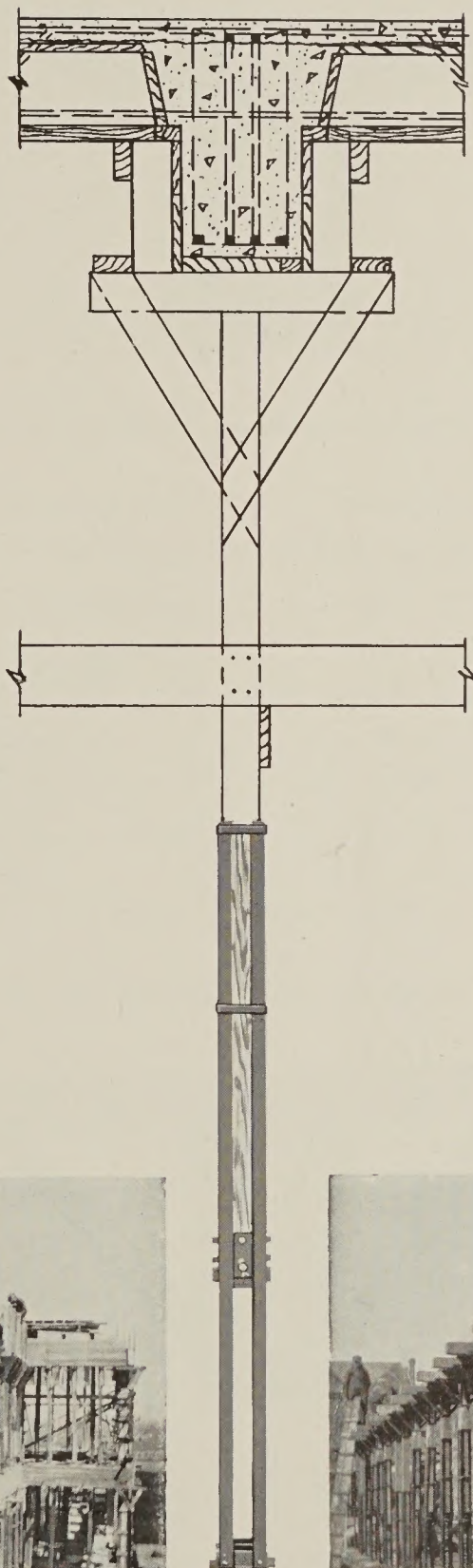


# THE BAKER SHORE

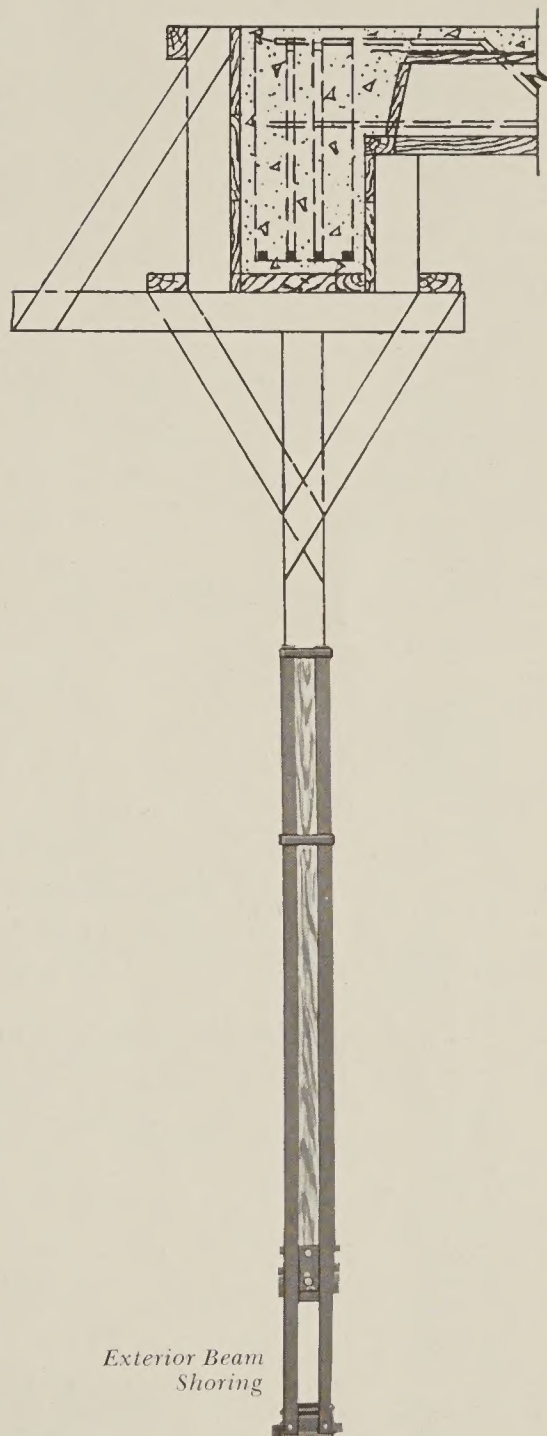
Showing its adaptability for various shoring conditions and its flexibility of adjustment for all story heights.



*Interior Beam Shoring*



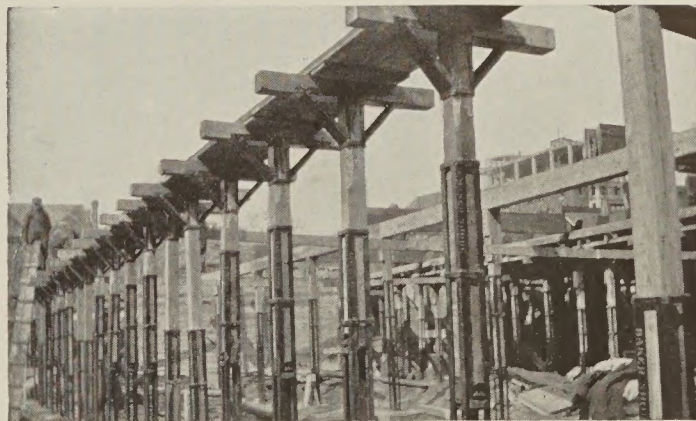
*High Story Shoring*



*Exterior Beam Shoring*



*THE OLD WAY*



*THE "BAKER" WAY*



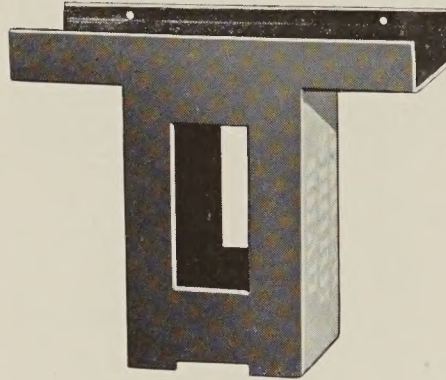
# BAKER SHORE HEADS

## T Heads for Your 4 x 4's

---

### THE BAKER 9" SHORE HEAD

For narrow beams, for stringers or for joists under flat slab construction.



For stringers supporting concrete rib slab construction, and many other conditions.

*Light weight*

*Rigid construction*

*Uses odd 4 x 4's for T-bars*

*Takes small storage space*

*Easily assembled*

*Easily dismantled*

*Inexpensive to ship*

*Adaptable to all conditions*

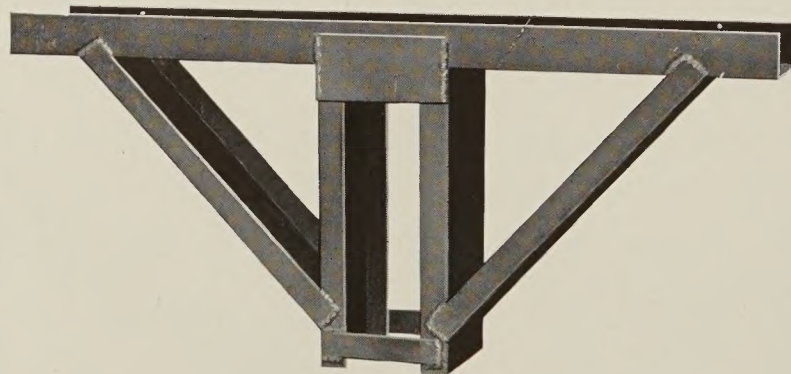
Either size Baker Shore Head may be used with the Baker Shore (as shown on pages 4 and 5) or with the

4 x 4 extension on the Roos Extension Shore or the Baker-RooShor (as shown on pages 7 and 8.)

---

### THE BAKER 24" SHORE HEAD

For Spandrel beam construction or for beam bottoms.



They save many hours of labor where T-Heads are necessary with 4 x 4's.

*They Reduce the Quantity of Shores Needed*



# THE ROOS EXTENSION SHORE

For High Story Shoring

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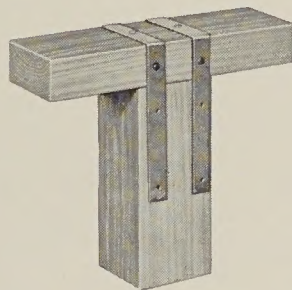
## *An Improved RooShor*

That Permits a 4x4 of Any Length to be  
Inserted... thus giving

## *An Additional Adjustment*

to Any Desired Story Height

---



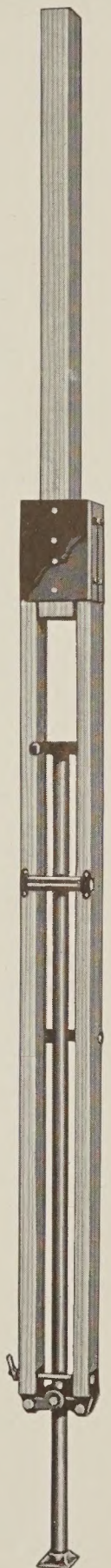
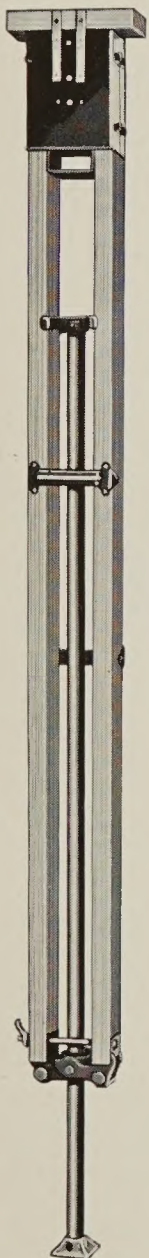
### REMOVABLE HEAD BLOCK

Fits into the top of the Roos Extension Shore when the additional length is not necessary.

---

The same Reliable RooShor with the Added Feature of an Additional Adjustment at the top. The head block is removable and a 4 x 4 of any length easily inserted. When the additional height is no longer needed the 4 x 4 can be taken out and the regular head again attached.

Easily Operated—Easily Adjusted

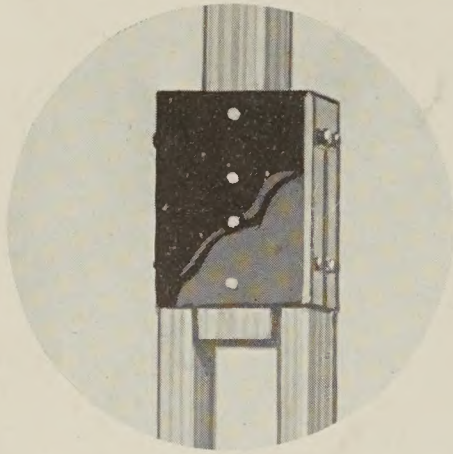




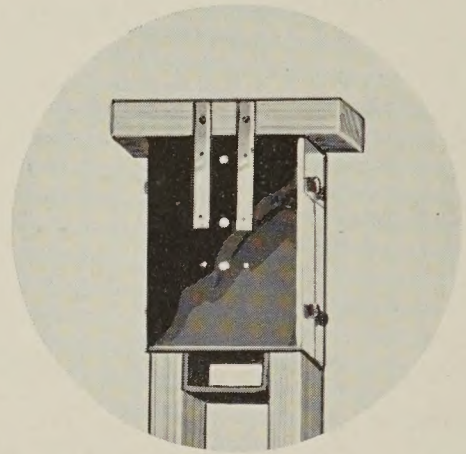
# THE BAKER ROOSHOR

A Shore for Every Purpose

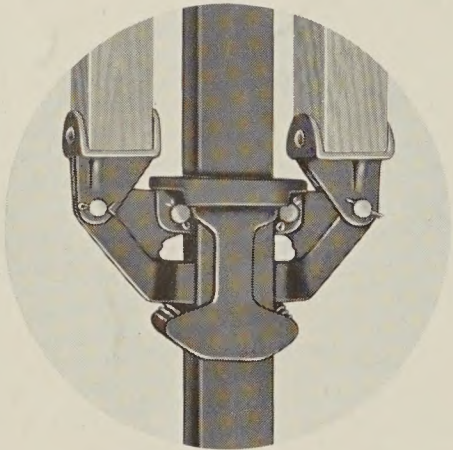
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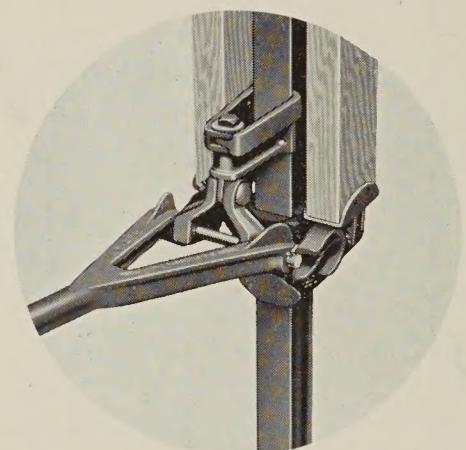
*With a 4 x 4 of any length inserted the Baker-RooShor will reach any desired height.*



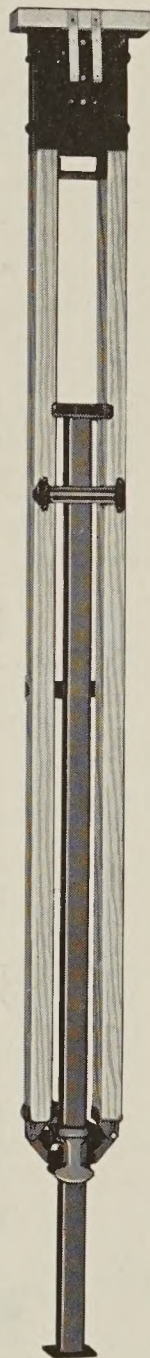
*With the standard head block inserted the Baker-RooShor will accommodate ordinary heights.*



*The lock sets instantly because the dogs are held constantly in place.*



*Jacking to any position is easily accomplished with the Baker-Roo's Jacking Device.*



*7'3" adjustable to 13'  
A 4 x 4 in the top makes it adjustable to any height*

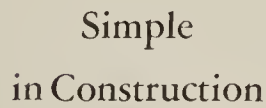
A new non-slip shore designed to provide quick, positive support wherever shores are used to support forming. Extra Strength where necessary and Large Gripping Surface assure absolute safe-

ty for the load. Instantaneous Locking in any position enables reshoring without wedging. Simplicity of Operation insures lower shoring costs.

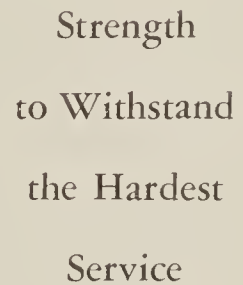


## L. M. Anderson

### Two Hinged Units—One Complete Clamp



*Bottom clamp should be as near bottom of column as possible*

[ 9 ]

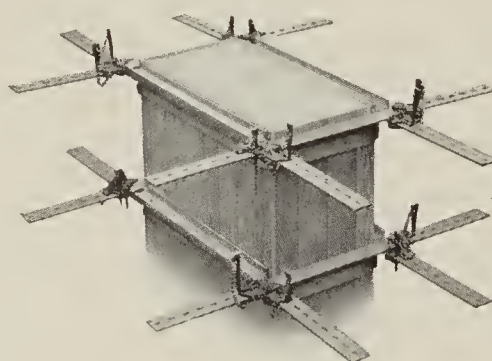


# ROOS COLUMN CLAMPS

## Single Bar Type

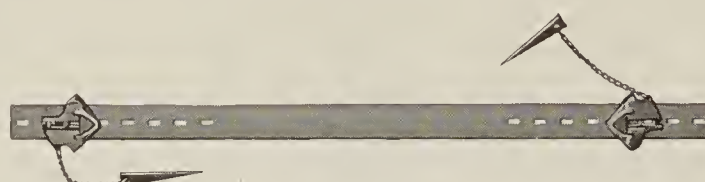
*Four Single Bars—One Complete Clamp*

The Bar Type Clamp was developed to meet the need for a clamp for larger columns.

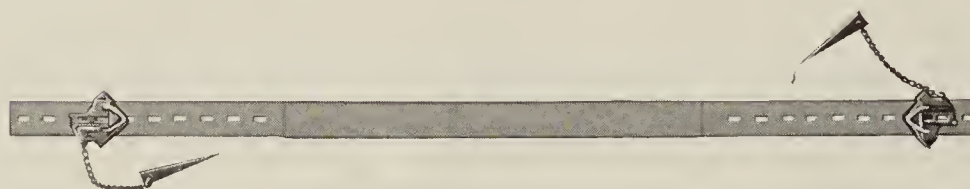


The three sizes of bars are interchangeable, thus making them adaptable for various sizes of columns.

### THREE SIZES



*B-5 (5 ft. Bar)*



*B-7 (7 ft. Bar)*



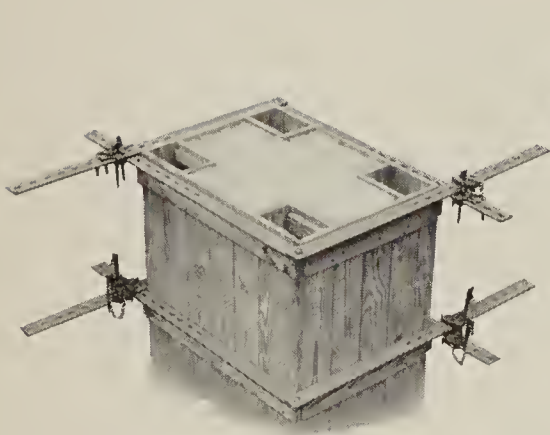
*B-9 (9 ft. Bar)*

Clamp Size	Bar Size	Weight Per Bar	OUT TO OUT OF FORMS		NET CONCRETE SIZES			
			Minimum	Maximum	With 1" Column Lumber		With 2" Column Lumber	
					Minimum	Maximum	Minimum	Maximum
B-5	$\frac{3}{8}$ " x 3" x 5'-0"	24 lbs. Castings Attached	$12\frac{3}{4}$ "	$47\frac{1}{4}$ "	$10\frac{3}{4}$ "	$45\frac{1}{4}$ "	$8\frac{3}{4}$ "	$43\frac{1}{4}$ "
B-7	$\frac{3}{8}$ " x 3" x 7'-0" Reinforced with 3" Channels—3'-0" Long	44 lbs. Castings Attached	$36\frac{1}{4}$ "	$71\frac{1}{4}$ "	$34\frac{1}{4}$ "	$69\frac{1}{4}$ "	$32\frac{1}{4}$ "	$67\frac{1}{4}$ "
B-9	$\frac{3}{8}$ " x 3" x 9'-0" Reinforced with 3" Channels—5'-0" Long	62 lbs. Castings Attached	60"	95"	58"	93"	56"	91"

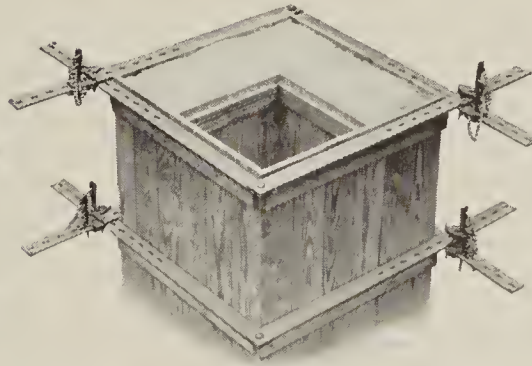


# ROOS COLUMN CLAMPS

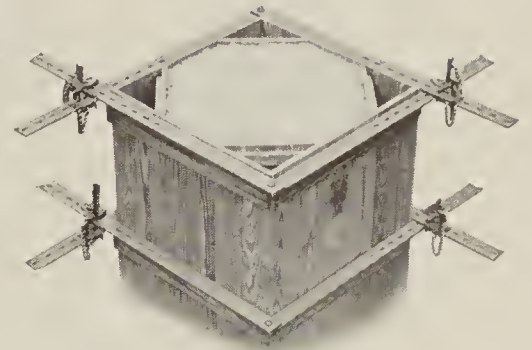
For Every Type of Column



*Column with Corners Notched*



*"L" Shaped Column*



*Octagon Column*

## *Savings* with Roos Column Clamps

### 500 ROOS COLUMN CLAMPS REQUIRED.

20-Story Office Building, Cincinnati, Ohio.  
Concrete Fireproofed Structural Steel Columns.  
697 Columns clamped with Roos Clamps.

\$2.18 per Column saved on Baker-Roos Purchase Plan

\$1.60 per Column saved on Baker-Roos Rental Plan

### 280 ROOS COLUMN CLAMPS REQUIRED.

10-Story Apartment Building, Nashville, Tenn.  
Reinforced Concrete Columns.  
573 Columns clamped with Roos Clamps.

\$2.37 per Column saved on Baker-Roos Purchase Plan

\$1.84 per Column saved on Baker-Roos Rental Plan

### 133 ROOS COLUMN CLAMPS REQUIRED.

2-Story High School Building, Maplewood, Mo.  
Reinforced Concrete and Concrete Structural Steel Columns.

80 Columns clamped with Roos Clamps.

\$3.26 per Column saved on Baker-Roos Purchase Plan

\$2.54 per Column saved on Baker-Roos Rental Plan

### 700 ROOS COLUMN CLAMPS REQUIRED.

25-Story Office Building, Boston, Mass.  
Fireproofed Steel Columns.  
2064 Columns clamped with Roos Clamps.

\$1.17 per Column saved on Baker-Roos Purchase Plan

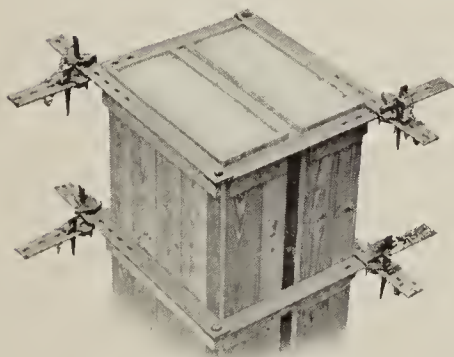
\$0.82 per Column saved on Baker-Roos Rental Plan

### 350 ROOS COLUMN CLAMPS REQUIRED.

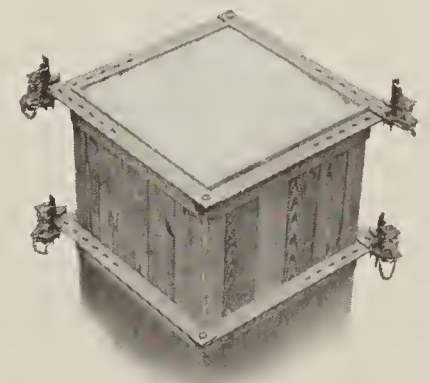
2-Story Experimental Dairy Building,  
Lexington, Ky.  
Reinforced Concrete Columns.  
221 Columns clamped with Roos Clamps.

\$2.48 per Column saved on Baker-Roos Purchase Plan

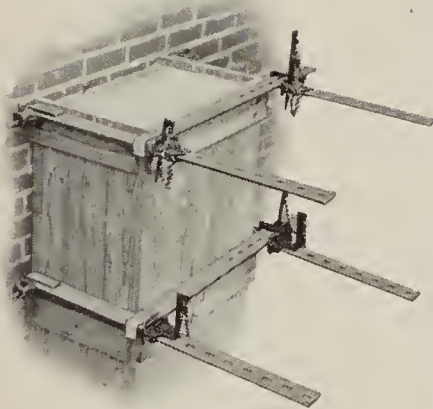
\$1.61 per Column saved on Baker-Roos Rental Plan



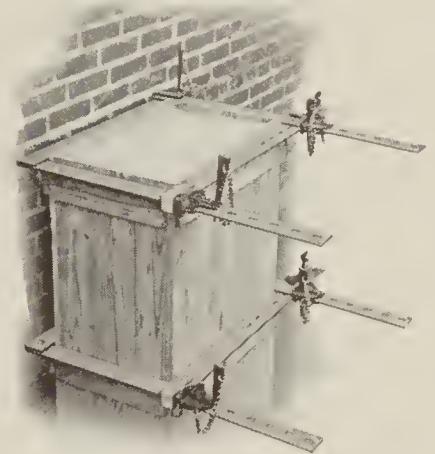
*Split Column*



*Square Column*



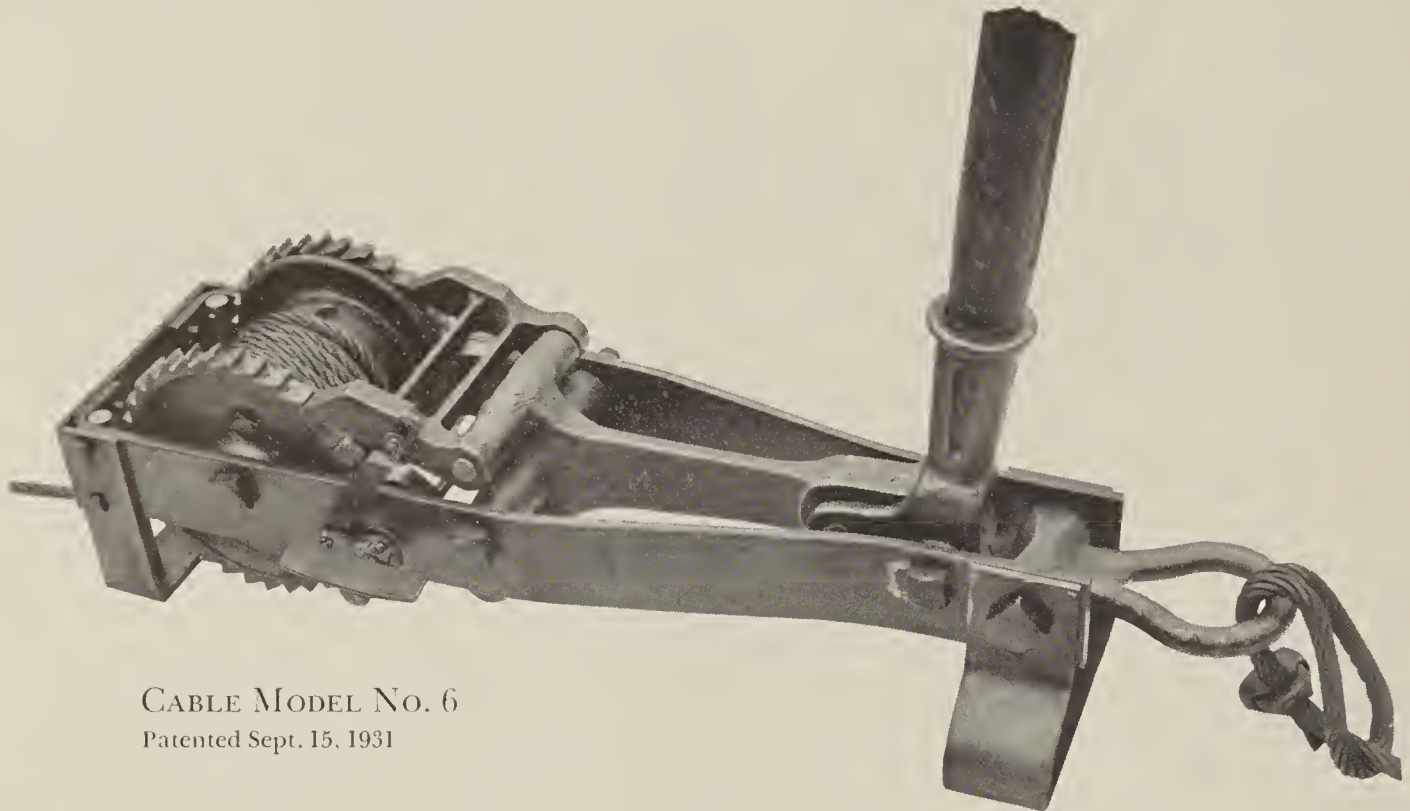
*Hook Bar Clamps with Rod and Lugs for columns close to walls*



*Hook Bar Clamps used with hinge bar type*



# THE *Baker* LO-LABOR WINCH



CABLE MODEL NO. 6  
Patented Sept. 15, 1931

Designed and constructed to give positive Power to Pull, the BAKER Lo-Labor Winch has no equal for its size. With it, One Man can do a pulling or loading job that otherwise requires from four to six men, Contractors can move structures or equipment at greatly reduced costs for labor, and Truckers can load or unload heavy machinery without extra men.

## SPECIFICATIONS

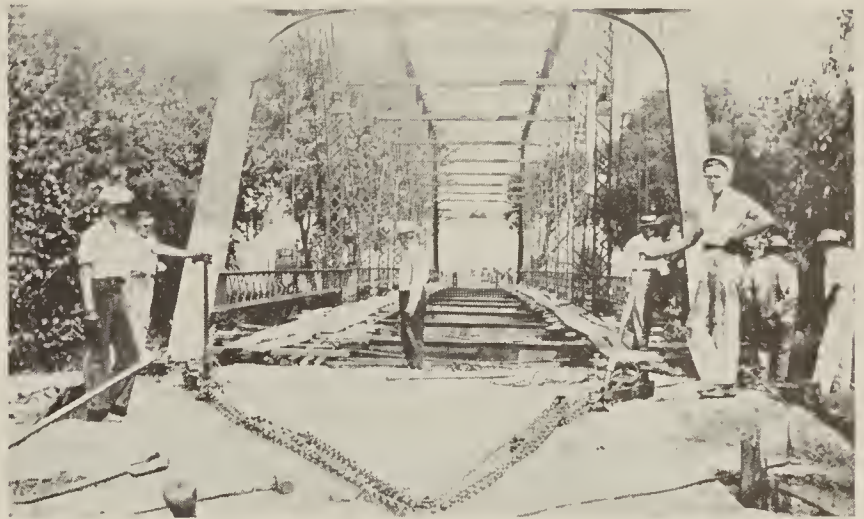
LENGTH: 36 inches.      WIDTH: 10 inches. WEIGHT: 100 lbs.      LEVER LENGTH: 42 inches. STRENGTH: Will exert pressure equal to the breaking strain of any of the sizes of cable as listed.	Cable Sizes	Length Drum will Accommodate	Average Breaking Strain	Safe Working Load
	$\frac{3}{8}$ in.	70 ft.	4 tons	2 tons
	$\frac{7}{16}$ in.	65 ft.	6 tons	3 tons
	$\frac{1}{2}$ in.	60 ft.	8 tons	4 tons
	$\frac{9}{16}$ in.	55 ft.	10 tons	5 tons
	$\frac{5}{8}$ in.	50 ft.	12 tons	6 tons



# THE *Baker* LO-LABOR WINCH ON THE JOB



MOVING LOADED COAL CARS—is an easy task for one man using this Lo-Labor Winch. Four loaded cars, on a level track, have been moved by one man, in this manner.



MOVES 70-TON BRIDGE EASILY—Using two Lo-Labor Winches, each pulling through two 3-wheel sheave pulleys, this structural steel bridge was moved seven inches while resting on its seat plates. The bridge is 201 feet long, 30 feet high, and 18 feet wide and weighs approximately 70 tons.

## FOUND INDISPENSABLE FOR THESE OPERATIONS

1. Spotting Cars.
2. Pulling stumps.
3. Moving bridges.
4. Moving boilers.
5. Pulling old piling.
6. Stretching fences.
7. Moving machinery.
8. Erecting derricks.
9. Moving heavy safes.
10. Moving large stones.
11. Pulling boiler tubes.
12. Pulling over trees.
13. Pulling well casings.
14. Erecting structural steel.
15. Tightening guy wires.
16. Loading steam rollers.
17. Moving steam shovel track.
18. Moving houses and buildings.
19. Pulling together large sewers.
20. Pulling over old smoke stacks.
21. Straightening frame buildings.
22. Reassembling frame buildings moved in sections.
23. Pulling automobiles and trucks from ditches and mire.
24. Loading and unloading trucks.
25. Assembling and disassembling steam shovels and drag lines.



MOVING A FOUR-ROOM HOUSE—with a Lo-Labor Winch, using a single strand of cable, taking the place of the old-fashioned, cumbersome, horse-powered capstan.



LOADING TRUCKS WITHOUT EXTRA MEN—is easily accomplished with the aid of the Baker Lo-Labor Winch. Weighing only 100 pounds and very compact, the winch is a necessary part of every trucker's equipment.



# REPAIR PARTS PRICE LIST

## ROOS COLUMN CLAMP

PART NO.	NO. PER UNIT	PRICE
A Wedge .....	4	.10 ea.
B Chain .....	4	.10 ea.
C Cold Shut Link .....	8	.05 ea.
D Wedge and Chain Assembly .....	4	.20 ea.

## BAKER SHORE

51 Traveler Assembly (complete) .....	1	2.50 ea.
52 Malleable Dog Casting for Traveler .....	2	.50 ea.
53 Spring for Traveler .....	1	.08 ea.
54 Shaft for Traveler (two Cotter Pins) .....	1	.10 ea.
55 Carriage Bolt and Nut for Traveler .....	2	.10 ea.
56 Cage .....	1	2.50 ea.
57 Base Casting (four 1/4" Bolts & Nuts) .....	1	.75 ea.
58 Bolt & Nut for Base Casting .....	8	.10 ea.
59 Chain with Clip for Jack .....	1	3.00 ea.
60 Clip for Jack .....	1	1.00 ea.
61 Chain for Jack .....	1	2.00 ea.
62 Jack Handle with Casting .....	1	3.00 ea.
63 Handle for Jack .....	1	1.50 ea.
64 Casting for Jack .....	1	1.50 ea.

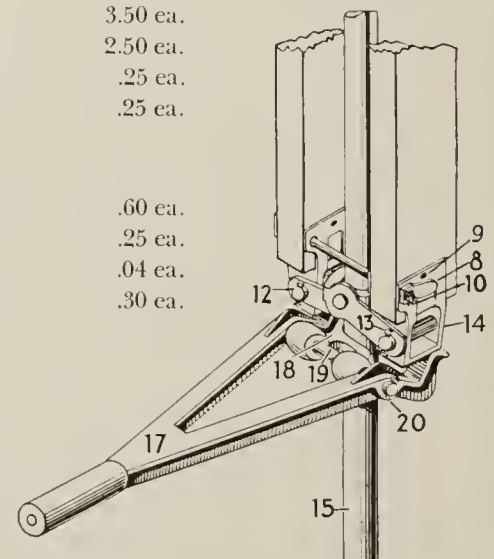
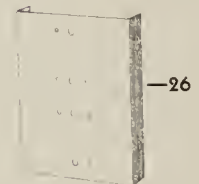
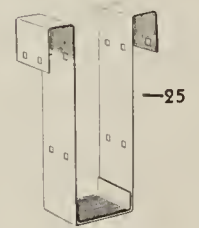
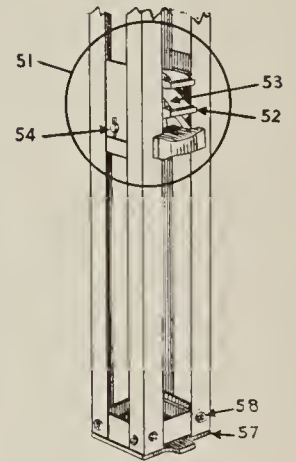
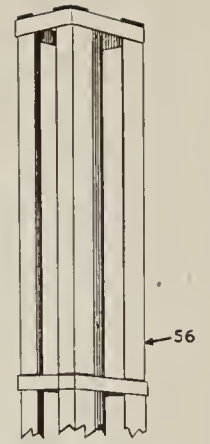
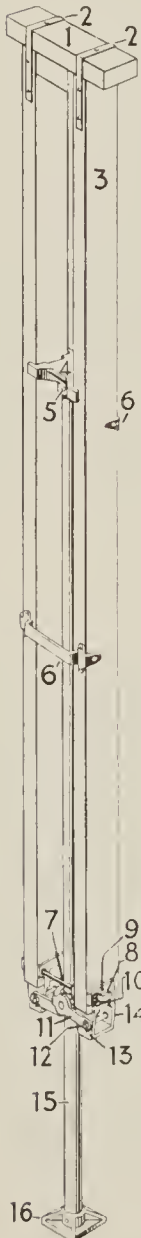
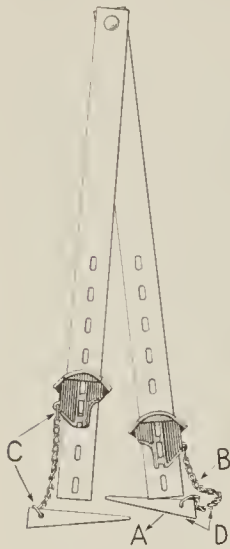
## ROOSHOR

1 Head Block .....	1	.10 ea.
2 Head Strap .....	2	.04 ea.
3 2 x 4 Upper Member (State size of Shore) .....	2	.45 ea.
4 Head Guide Casting (one No. 5 Rivet) .....	1	.30 ea.
5 Rivet (one in base—one in Head Guide) .....	2	.01 ea.
6 Spreader .....	2	.15 ea.
7 Carriage Bolt (one No. 10 Cotter Pin) .....	1	.10 ea.
8 Handle Nut (one No. 10 Cotter Pin) .....	1	.10 ea.
9 Rivet (one used in each shoe) .....	2	.01 ea.
10 Cotter Pin (for Carriage Bolt) .....	1	.15 C
11 Yokes-Pair (two No. 13 and one No. 10 Cotter Pins) .....	1 pair	1.50 pr.
12 Oval Head Pin (one No. 13 Cotter Pin) .....	2	.05 ea.
13 Cotter Pin (for Oval Head Pin) .....	2	.15 C
14 Shoe Casting (Order round or square hole) (one No. 9 Rivet) ...	1 R. H. 1 S. H. }	.25 ea.
15 Pipe (Base Casting Attached—State size of shore) .....	1	1.30 ea.
16 Base Casting (one No. 5 Rivet) .....	1	.30 ea.
17 Jacking Lever .....	1	3.50 ea.
18 Jacking Bracket .....	1	2.50 ea.
19 Shaft for Jacking Device (two No. 13 Cotters) .....	1	.25 ea.
20 Dog Casting for Jacking Bracket (Not shown) .....	1	.25 ea.

## ROOS EXTENSION SHORE

25 Saddle .....	1	.60 ea.
26 Tie Plate .....	2	.25 ea.
27 Bolts and Nuts (for Attaching Plates) .....	8	.04 ea.
28 Removable Head Block (Page 7) .....	1	.30 ea.
Other Parts same as RooShor.		

Terms 2% 10 days, 30 days net. Prices F.O.B. Indianapolis, Indiana.  
Please specify shipment by Express, Parcel Post, or Freight.



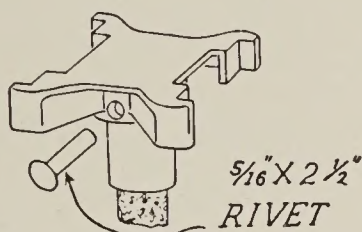


# REPAIR PARTS PRICE LIST

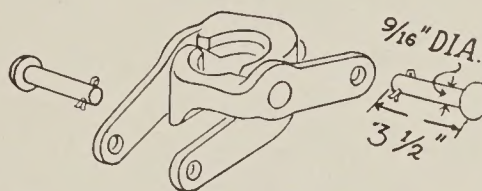
## BAKER-ROOSHOR

PART NO.	NO. PER UNIT	PRICE
76 Head Guide Casting (one No. 77 Rivet) .....	1	.30 ea.
77 Rivet (to attach head guide to I Section) .....	1	.01 ea.
78 Traveler Assembly (complete) .....	1	3.50 ea.
79 Traveler Casting .....	1	2.00 ea.
80 Dog Casting for Traveler .....	2	.75 ea.
81 Cold Rolled Pin—Drilled (attach Dog to Traveler) (2 No. 10 Cotter Pins) .....	2	.20 ea.
82 Spring for Traveler .....	2	.10 ea.
83 Shoe Casting (No. 84 Rivet) .....	2	.25 ea.
84 Rivet for Shoe Casting .....	2	.01 ea.
85 Cold Rolled Pin—Drilled (attach Dog to Shoe) (2 No. 10 Cotter Pins) .....	2	.20 ea.
86 I Section (Base Plate attached) .....	1	2.50 ea.

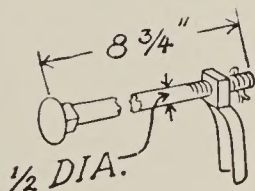
## ROOSHOR PARTS (See Page 14)



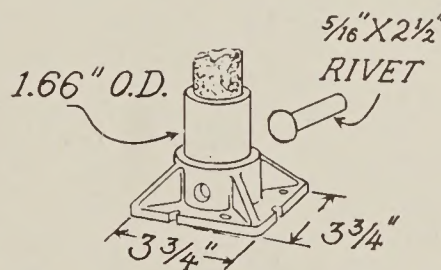
No. 4 HEAD GUIDE—Malleable iron riveted to pipe



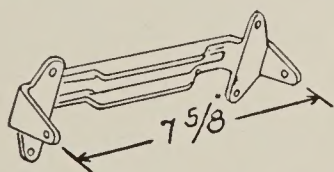
No. 11 YOKES with two No. 12 Oval Head Pins for attaching to shoe castings



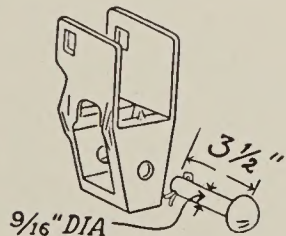
EMERGENCY LOCK to clamp positively before or after erection. No. 7 Carriage Bolt with No. 8 Handled Nut



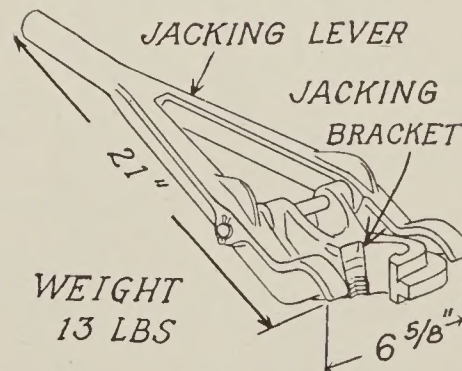
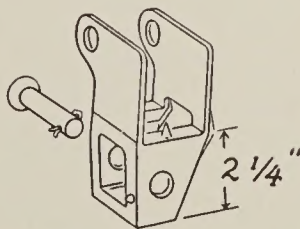
No. 16 BASE—Malleable iron with holes and notches for nailing—With No. 5 Rivet



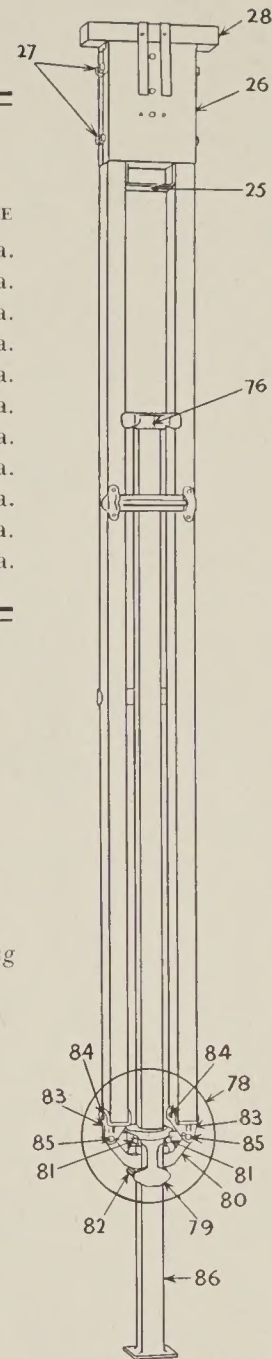
No. 6 SPREADER—Holds 2 x 4 upper members securely in position



No. 14 MALLEABLE IRON SHOES—Round and Square Holes. No. 12 Steel Oval Head Pins bear on yokes. Riveted securely to upper member which will last 10 years with this casting—Square hole prevents carriage bolt from turning.



ROOS JACKING DEVICE slips on and off instantly. Positive grip. Raises upper member for hair line adjustment



Parts for the top of the Baker-Rooshor and the Roos Extension Shore are the same.





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